

OMB No. 0651-0011

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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: H0002443-01	Serial No.: 10/008,392
	M&R 115.00200101	Confirmation No.: 3013
	Applicant: PAVLIDIS	
	Filing Date: 11/13/01	Group: 2859

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
WT		4,500,784	02/19/85	HacsKaylo	—	—	
WT		4,520,504	05/28/85	Walker et al.	—	—	
WT		5,013,917	05/07/91	Ulich	—	—	
WT		5,221,919	06/22/93	Hermans	—	—	
WT		5,703,367	12/30/97	Hashimoto et al.	—	—	
WT		5,771,261	06/23/98	Anbar	—	—	
WT		5,900,942	05/04/99	Spiering	—	—	
WT		5,940,139	08/17/99	Smoot	—	—	
WT		6,002,505	12/14/99	Kraenert et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
WT		0867830A	09/30/98	EP	—	—	
WT		9216910A	10/01/92	WO	—	—	
WT		9906974A	02/11/99	WO	—	—	
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)							
WT		Fendt et al., "The neuroanatomical and neurochemical basis of conditioned fear," <i>Neurosci Biobehav Rev</i> , 23(5):743-60 (May, 1999).					
WT		Fujimasa et al., "Converting Far-Infrared Image Information to Other Physiological Data," <i>IEEE Engineering in Medicine and Biology</i> , Vol. 19, No. 3, pp. 71-75, 2000					
WT		Gose et al., "Pattern Recognition and Image Analysis," pp. 159-186, Prentice Hall, Upper Saddle River, New Jersey (1996)					

EXAMINER Cydia M. [Signature]	Date Considered November 8, 2002
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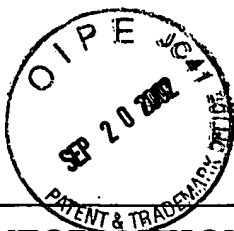
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WT		Holden, "Panel Seeks Truth in Lie Detector Debate," <i>Science</i> , Vol. 291, No. 9, p. 967, 2001.
WT		Iwatani, "An Estimation Method of Skin Blood Flow Rate Using Heat Flow Analysis," <i>Japanese Journal of Medical Electronics and Biological Engineering</i> , Vol. 20, No. 3, pp. 249-255, includes English Abstract, 1982
WT		Jacquez et al., "The spectral reflectance of human skin in the region 0.7-2.6 μm ," <i>Technical Report, 189</i> , Army Medical Research Laboratory, Fort Knox (April, 1955).
WT		Jordan et al., "Hierarchical Mixtures of Experts and the EM Algorithm," <i>Neural Computation</i> , 6, pp. 181-214 (1994)
WT		Levine et al., "The energy expended in chewing gum," <i>New England Journal of Medicine</i> , 341(27):2100 (Dec., 1999).
WT		Levine et al., "Face of Fear", <i>The Lancet</i> , Volume 357, Number 9270, 6/2/01
WT 8/2/03		Mendez, <i>The Master of Disguise</i> , William Morrow and Co., New York, N.Y.; cover page, title page, copyright page and table of contents only; 4 pgs. (1999).
WT		Moghaddam et al., "Probabilistic Visual Learning for Object Recognition," <i>IEEE Trans. Pattern Analysis and Machine Intelligence</i> , 19(7):696-710 (July, 1997).
WT		Otsu, "A Threshold Selection Method from Gray-Level Histograms," <i>IEEE Trans. Systems, Man And Cybernetics</i> , 9:(1)62-65 (Jan., 1979).
WT		Pavlidis et al., "Automatic passenger counting in the high occupancy vehicle (HOV) lanes" <i>Proceedings 1999 Annual Meeting of the Intelligent Transportation Society of America</i> , Washington, D.C. (April 19-22, 1999).

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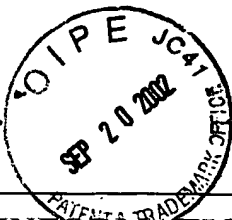


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W		Pavlidis et al., "A near-infrared fusion scheme for automatic detection of vehicle passengers," <i>Proceedings 1999 IEEE Workshop on Computer Vision Beyond the Visible Spectrum: Methods and Applications</i> , 41-48, Fort Collins, C.O. (June 22, 1999).
W		Pavlidis et al., "Automatic Detection of Vehicle Occupants-The Imaging Problem and Its Solution," <i>Machine Vision and Applications</i> , Vol. 11, No. 6, pp. 313-320, 2000.
W		Pavlidis et al., "Monitoring of Periorbital Blood Flow Rate Through Thermal Image Analysis and its Application to Polygraph Testing", <i>Proceedings 23rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , Istanbul, Turkey, October 25-28, 2001
W		Pavlidis et al., "Thermal Imaging for Anxiety Detection", <i>2000 IEEE Workshop on Computer Vision Beyond the Visible Spectrum: Methods and Applications</i> , pp. 104-109, Hilton Head Island, South Carolina, June 16, 2000.
W		Penev et al., "Local feature analysis: a general statistical theory for object representation," <i>Network: Computation in Neural Systems</i> , 7(3):477-500 (Aug., 1996).
W		Pentland et al., "Face recognition for smart environments," <i>IEEE Computer</i> , 33(2):50-55 (Feb., 2000).
W		Phillips et al., "The FERET database and evaluation procedure for face-recognition algorithms," <i>Image and Vision Computing</i> , 16(5):295-306 (April, 1998).
W		Prokoski "Disguise detection and identification using infrared imagery," <i>Proceedings of SPIE, Optics, and Images in Law Enforcement II</i> , 339:27-31, A.S. Hecht, ed., Arlington, V.A. (May, 1982).

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WT 8/29/02		Sabins, <i>Remote Sensing, Principles and Interpretation</i> , W.H. Freeman and Company, New York, N.Y.; cover page, title page, copyright page and table of contents only; 7 pgs. (1997, 3rd ed.).
WT		Sliney, "Laser and LED eye hazards: safety standards," <i>Optics and Photonics News</i> , pp 32- ³⁷ ₃₁ (Sept., 1997).
WT		Visionics Corporation, "Face detection constantly searches for faces in a datastream" Jersey City, N.J.; retrieved from the Internet on June 25, 2001, <URL:http://www.visionics.com/faceit/tech/detect.html>, 1 pg.
WT		Wiskott et al., "Face recognition by elastic bunch graph matching," <i>IEEE Trans. Pattern Analysis and Machine Intelligence</i> , 19(7):775-779 (July, 1997).
WT		Zhu et al., "Region Competition: Unifying Snakes, Region Growing, and Bayes/MDL for Multiband Image Sementation," <i>IEEE Transactions on Image Analysis and Machine Intelligence</i> , 18(9) (Sept., 1996). 884-900

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Sheet 1 of 1

Application Number	10/008,392
Filing Date	11/13/2001
First Named Inventor	IOANNIS PAVLIDIS
Group Art Unit	2859
Examiner Name	
Atty. Docket No.	H0002443-01

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines where relevant passages or relevant figures appear
		Number	Kind Code (if known)			
1		5771261		Anbar, Michael	06/23/1998	

FOREIGN PATENT DOCUMENTS

Examine r Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines where relevant passages or relevant figures appear	T ⁶
		Office ³	Number	Kind Code (if known)				
1		WO	9808431A		Tessal, Stephan	03/05/1998		
1		EP	0885587A		Harrison, David Keith	12/23/1998		

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